

Fig. 1
(Prior Art)

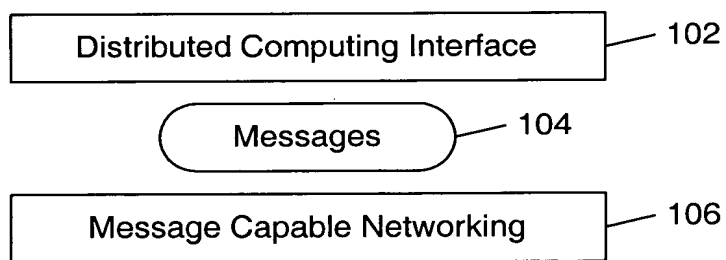


Fig. 2

00153215.003100

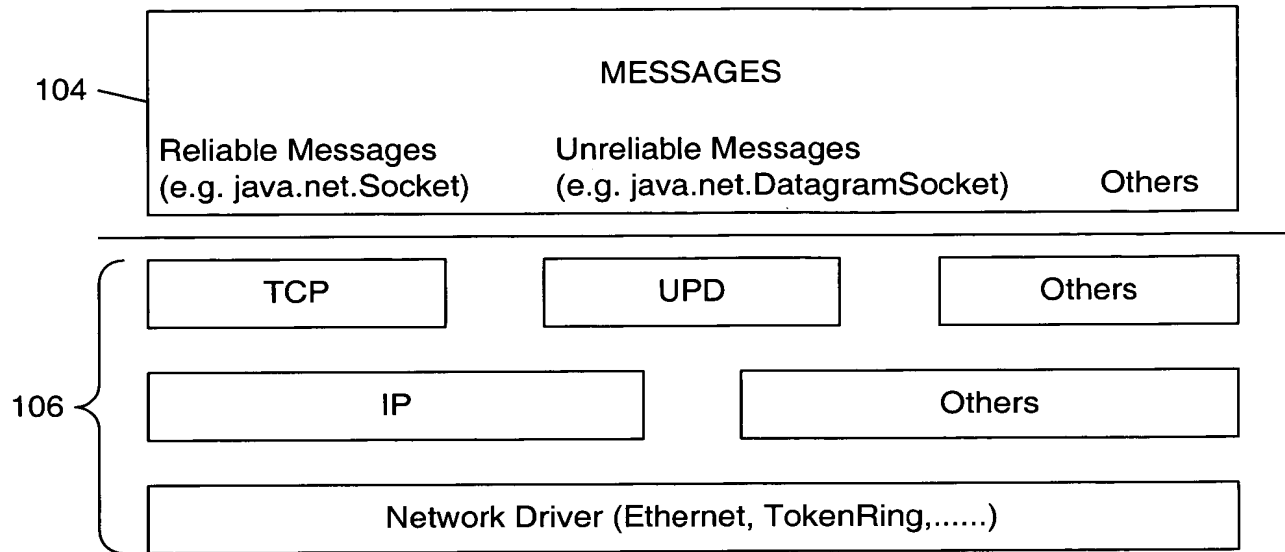


Fig. 3

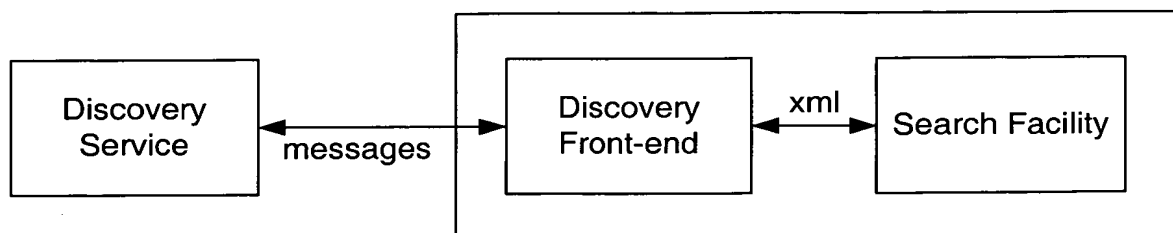


Fig. 4

09653215-083400

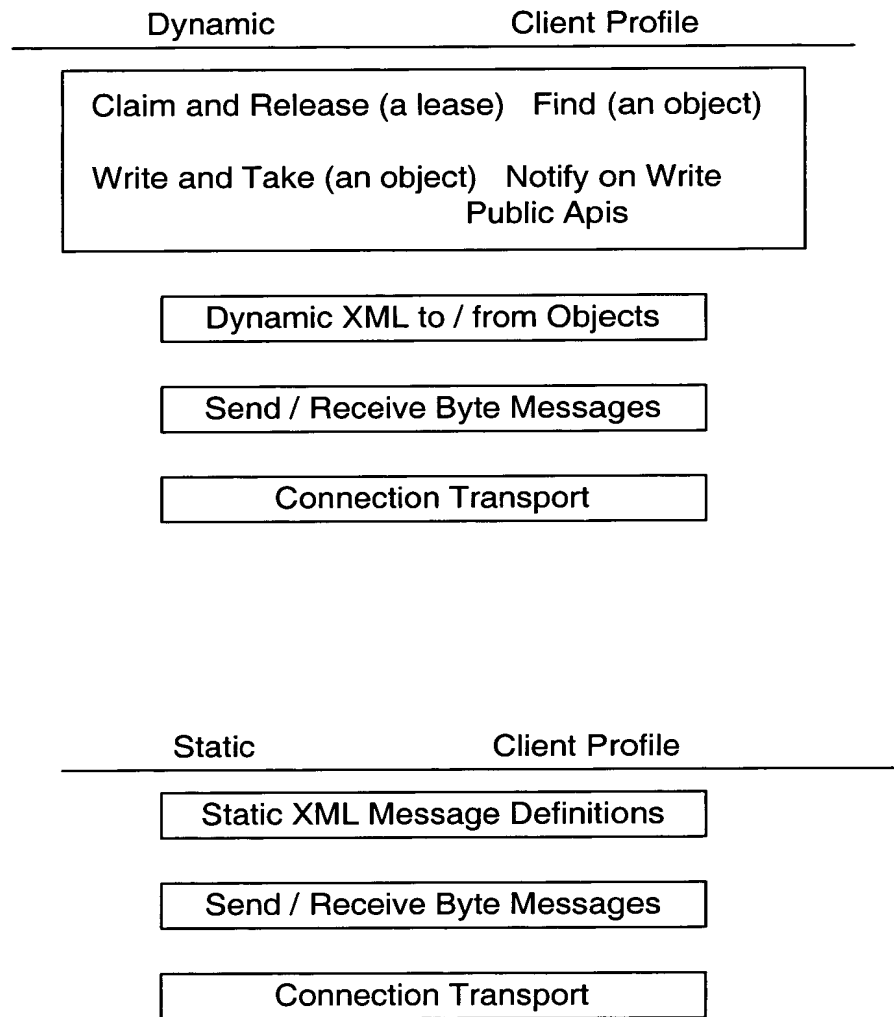


Fig. 5

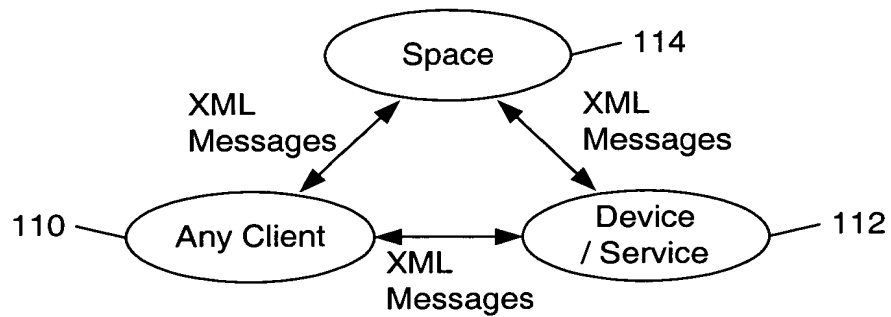


Fig. 6

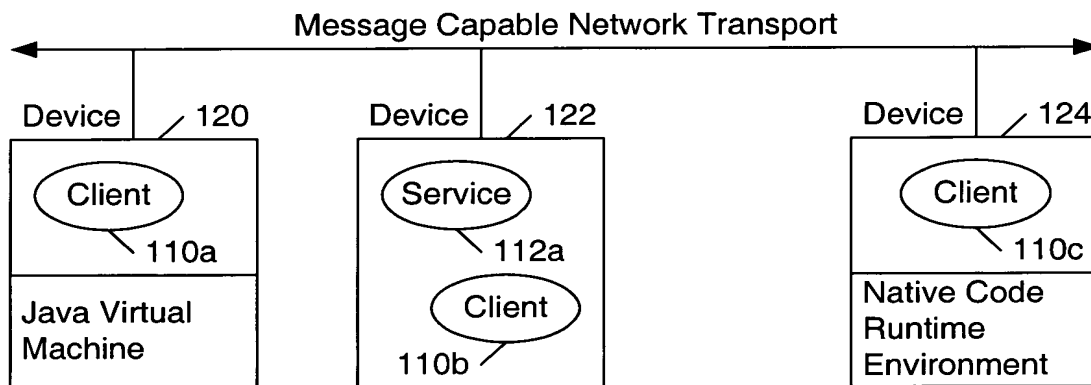


Fig. 7

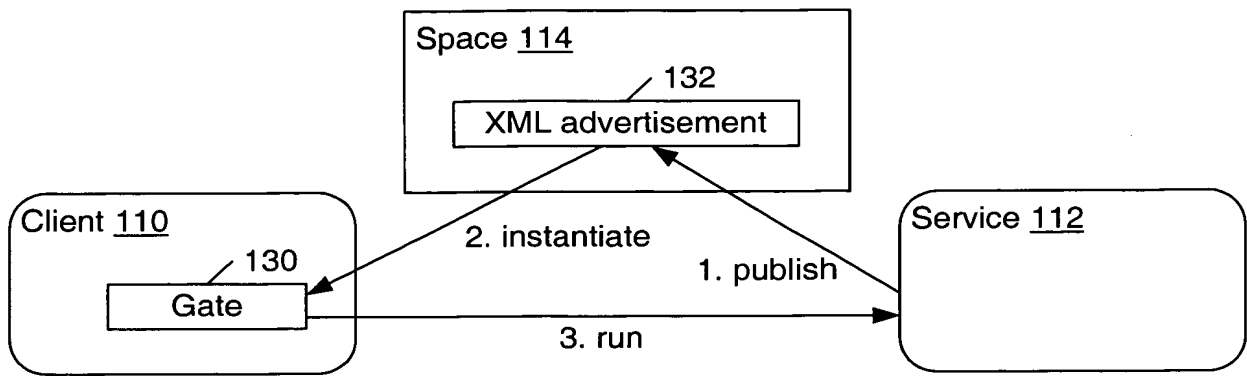


Fig. 8

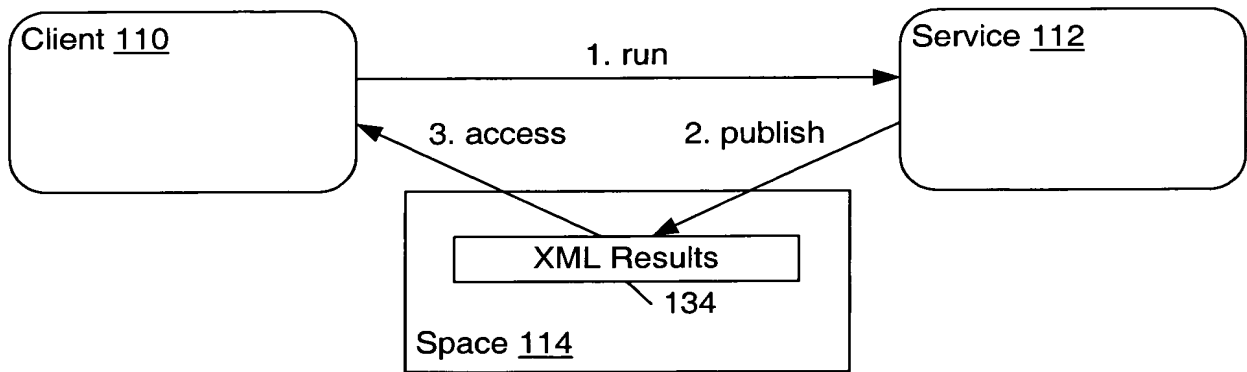


Fig. 9

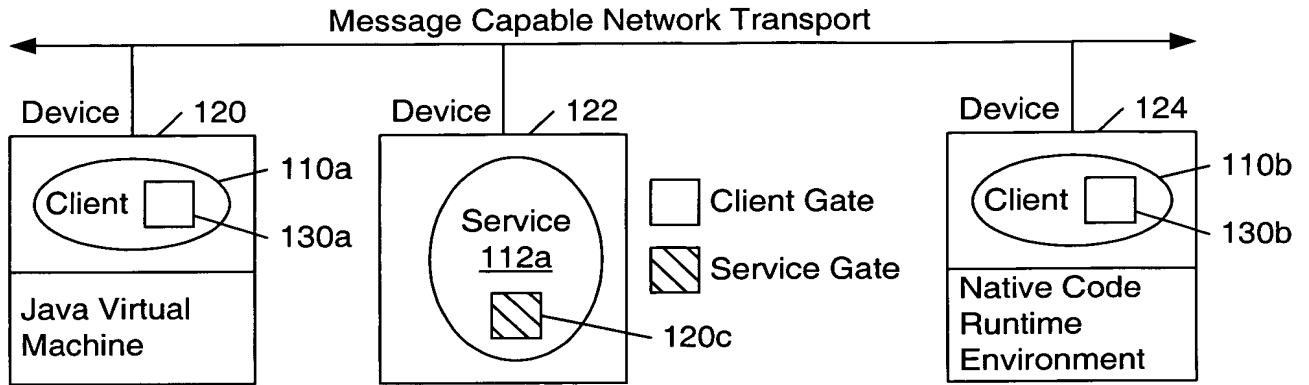


Fig. 10a

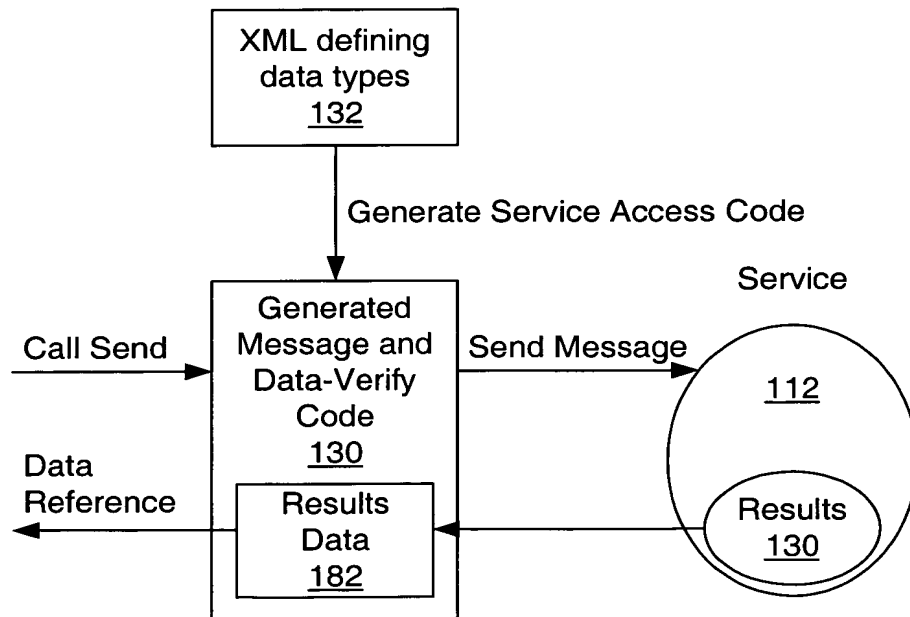


Fig. 10b

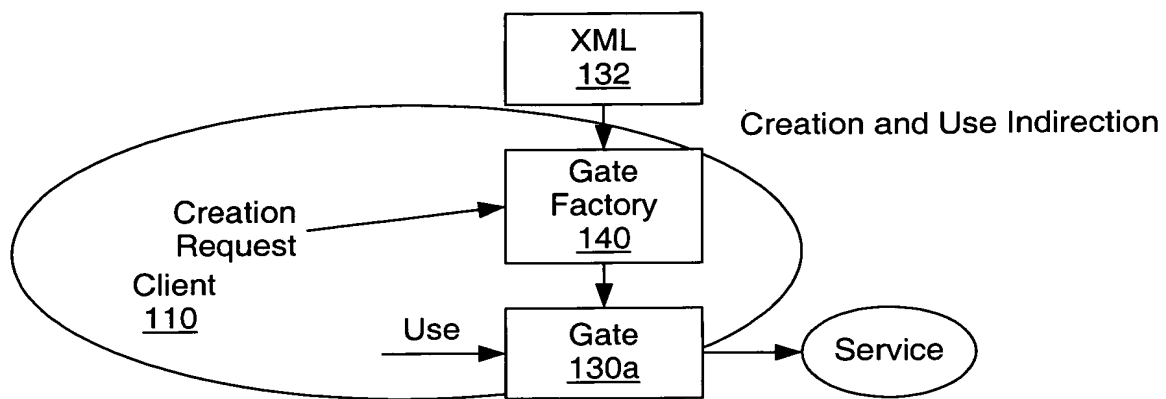


Fig. 11a

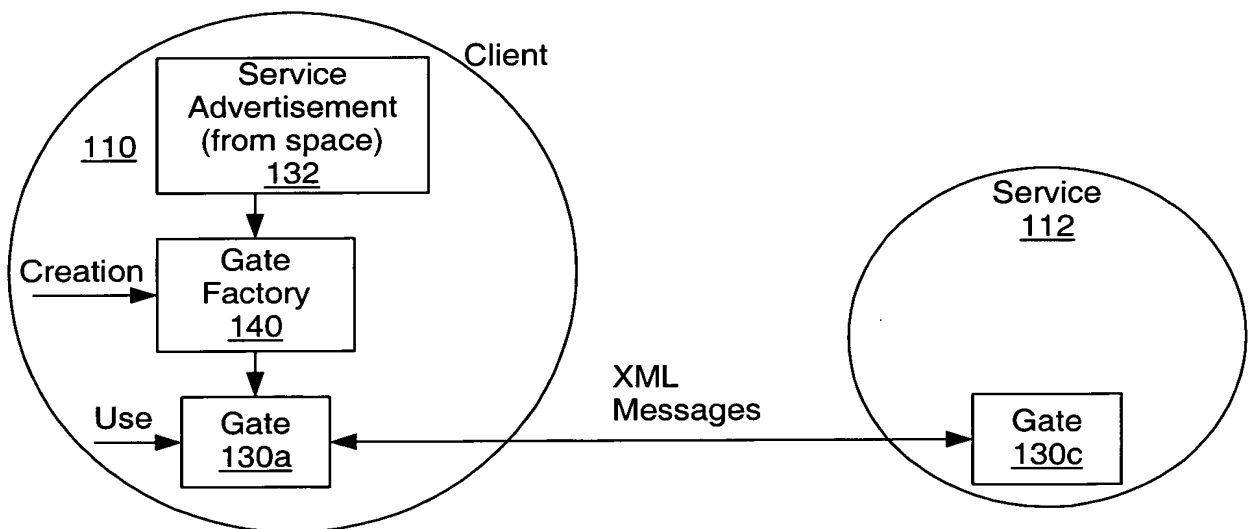


Fig. 11b

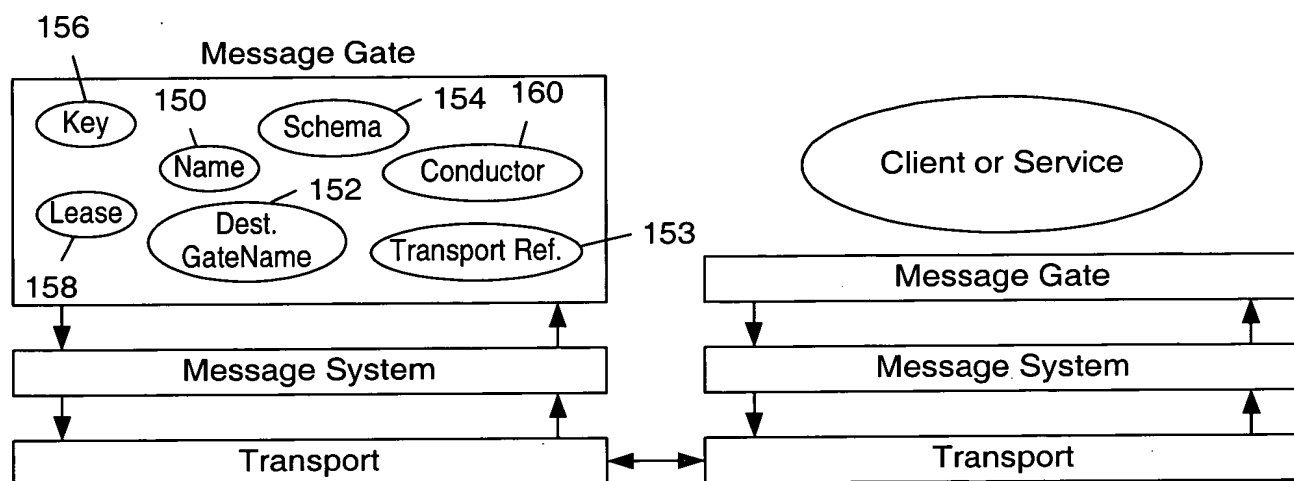


Fig. 12

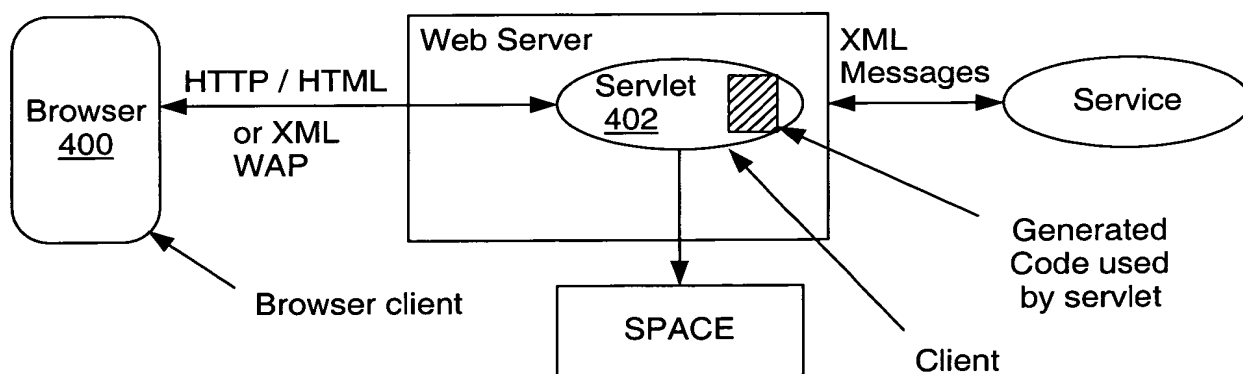


Fig. 13

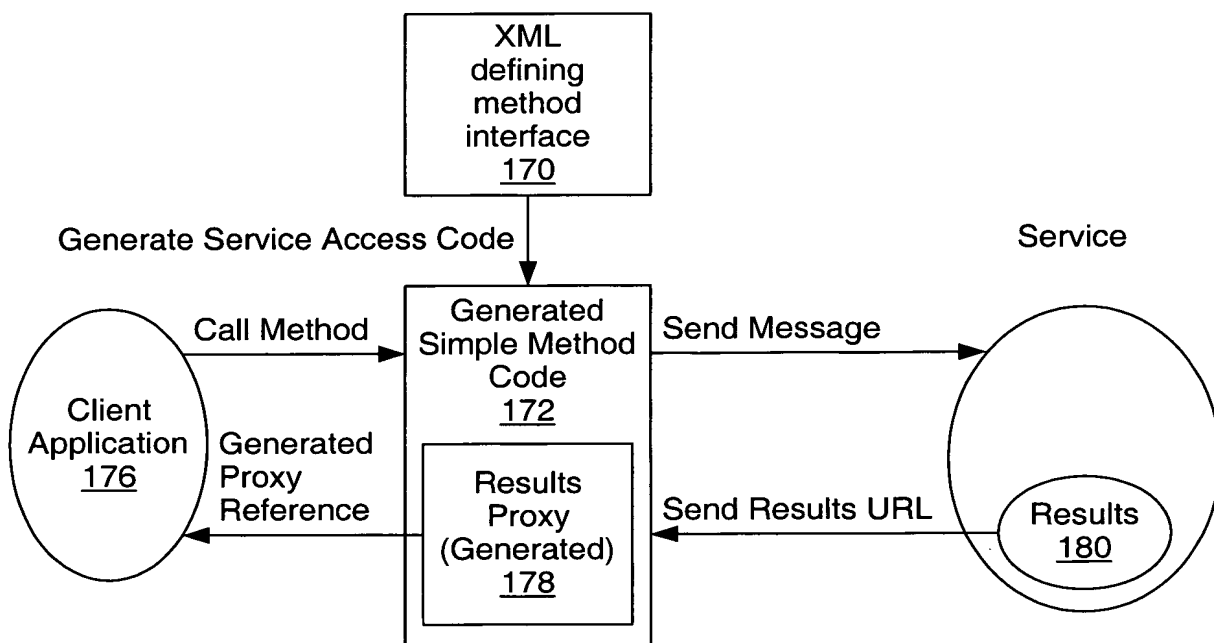


Fig. 14

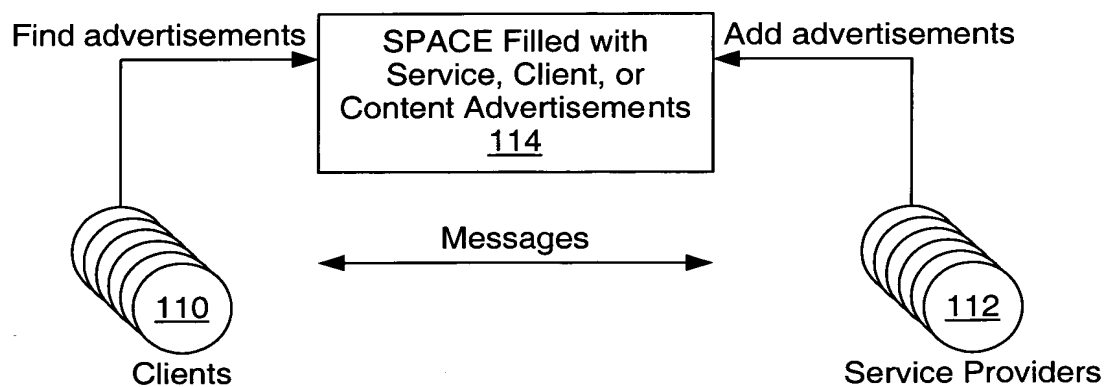


Fig. 15

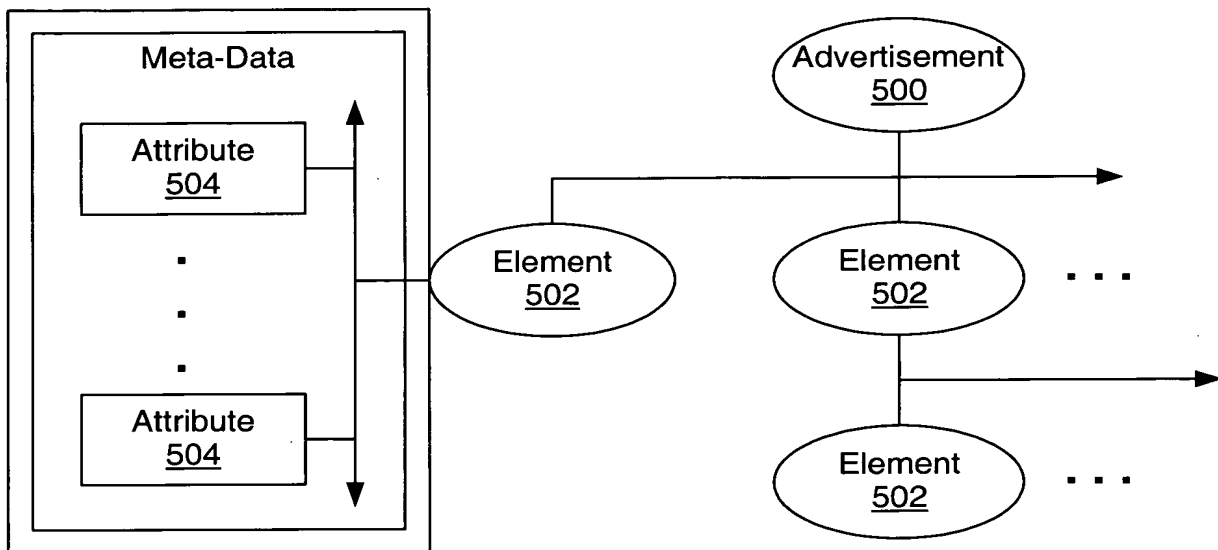


Fig. 16

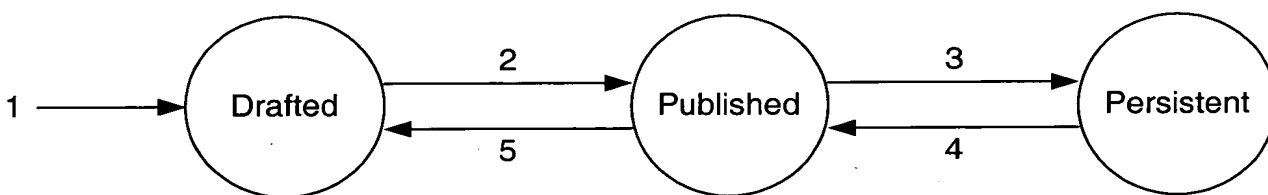


Fig. 17

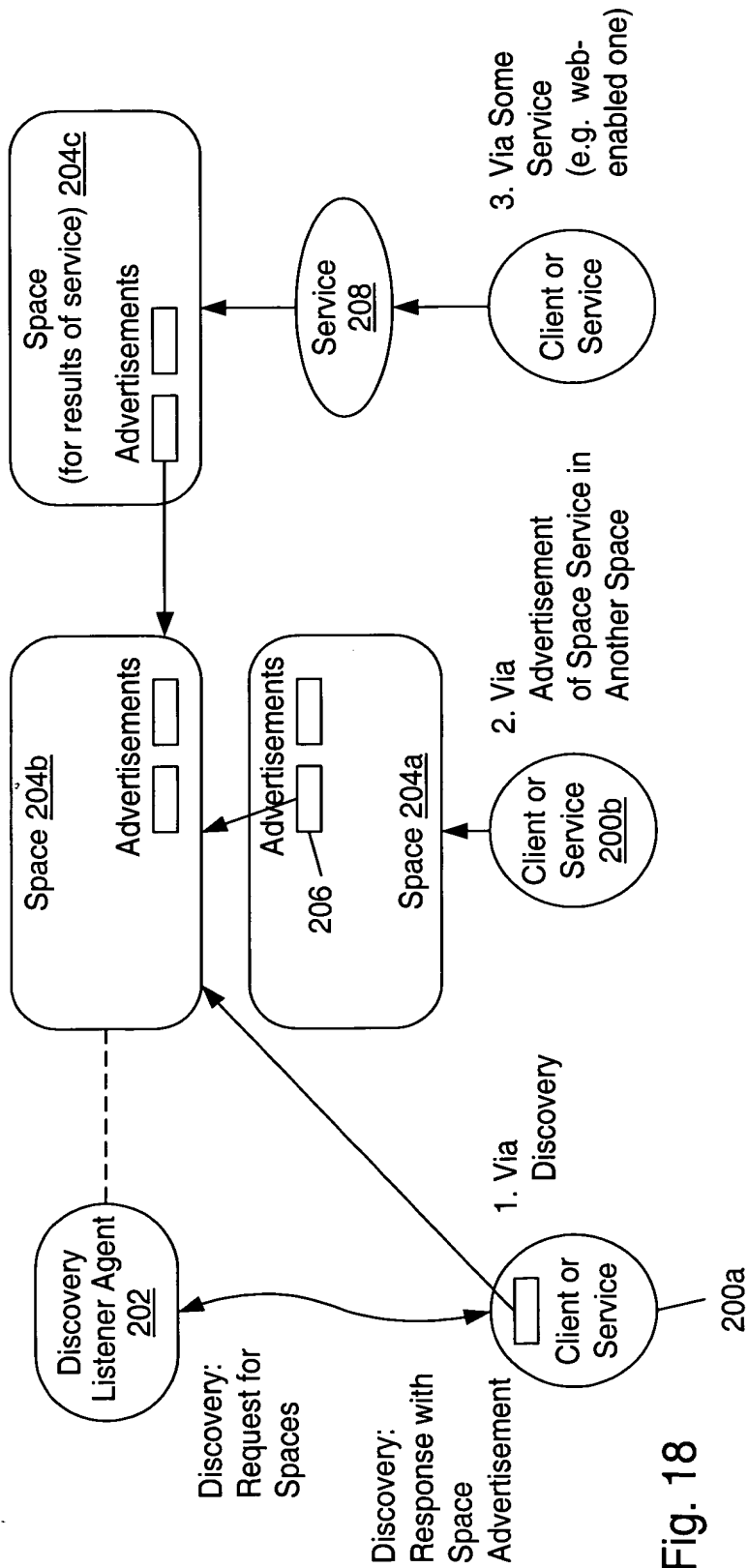


Fig. 18

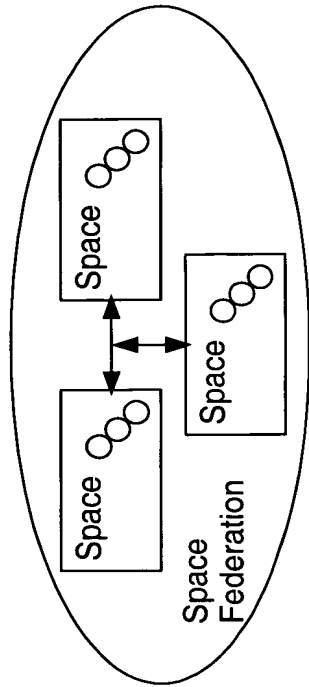


Fig. 19

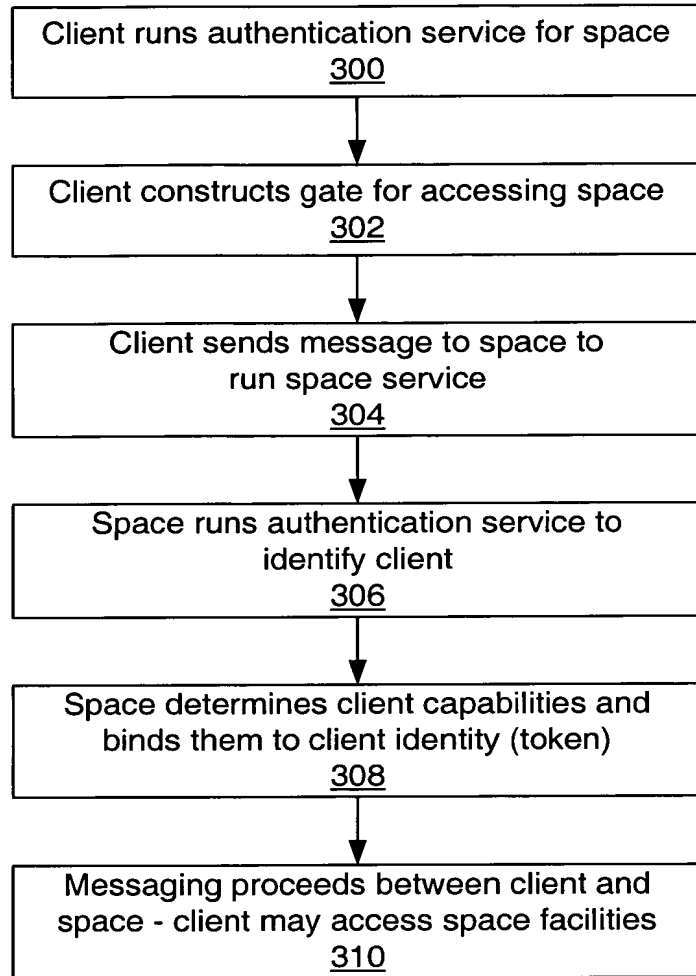


Fig. 20

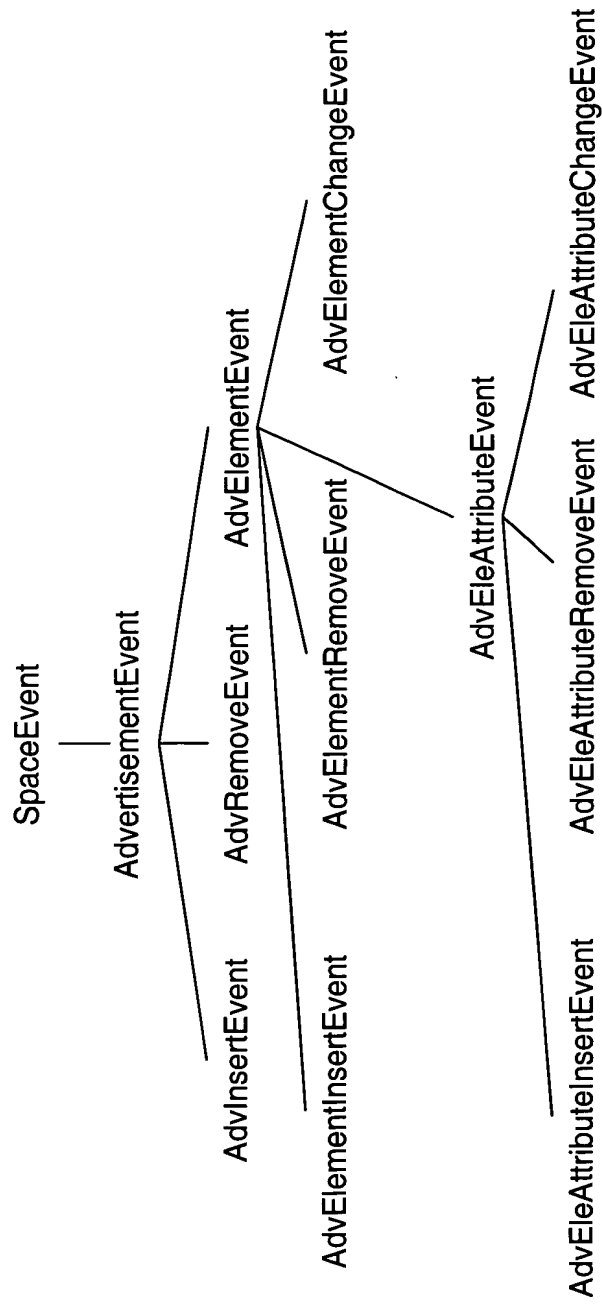


Fig. 21

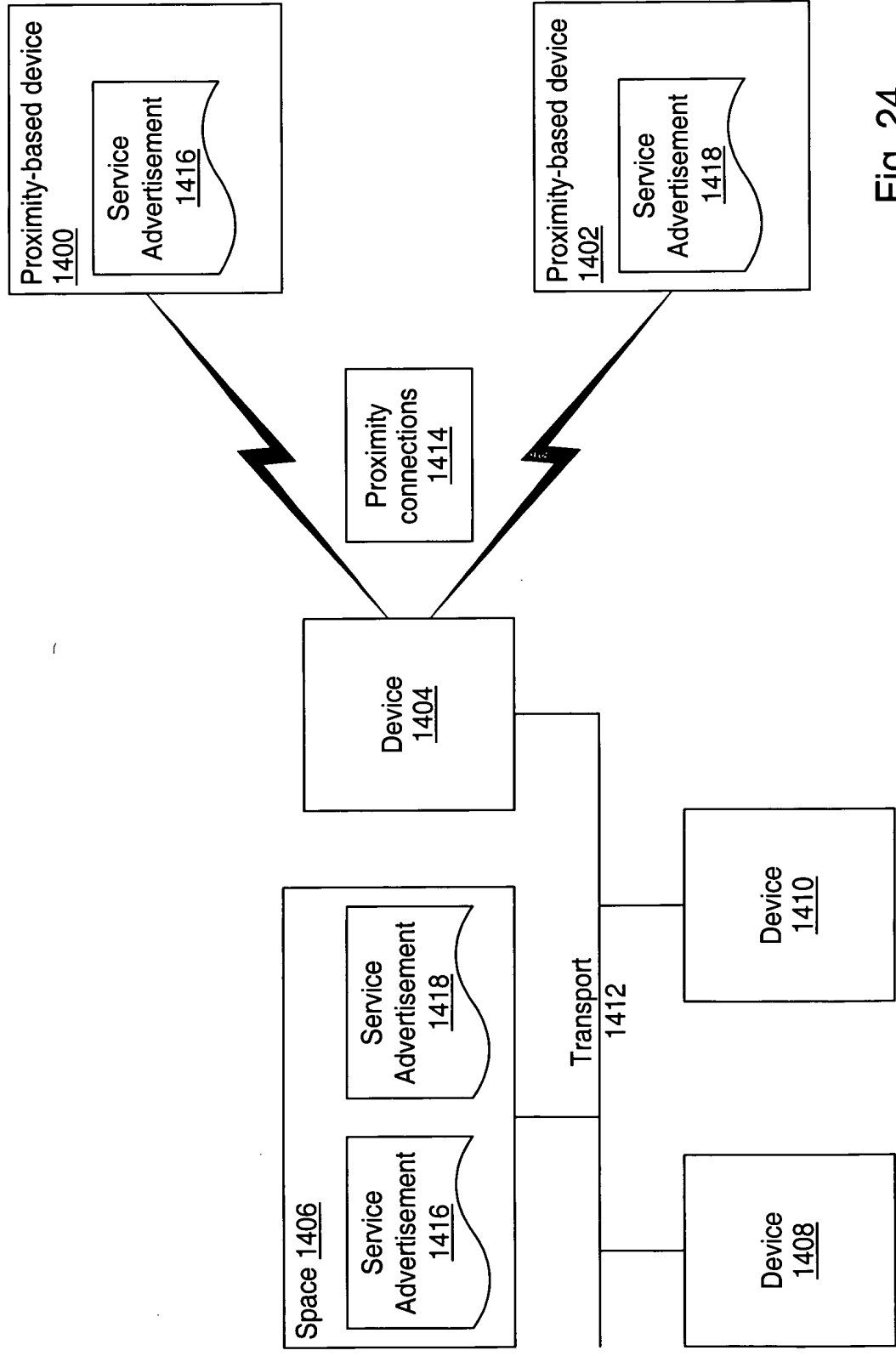


Fig. 24

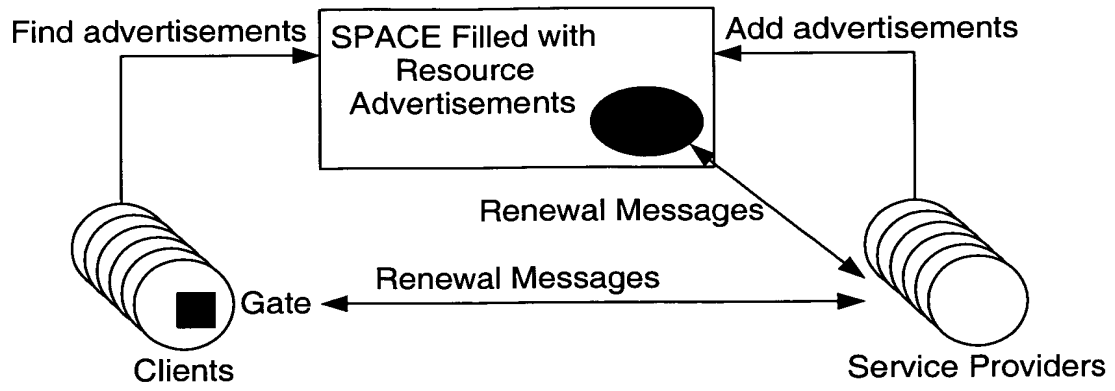


Fig. 25


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graph TD
    1000[Client requests authentication credential from authentication service  
1000] --> 1002[Authentication service generates authentication credential  
1002]
    1002 --> 1004[Authentication service sends authentication credential to client  
1004]

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graph TD
    1002[1002] --> 1002a[Authentication service obtains client token and service token  
1002a]
    1002a --> 1002b[Authentication service verifies client and service  
1002b]
    1002b --> 1002c[Authentication service generates authentication credential  
1002c]

```

FIG. 26b

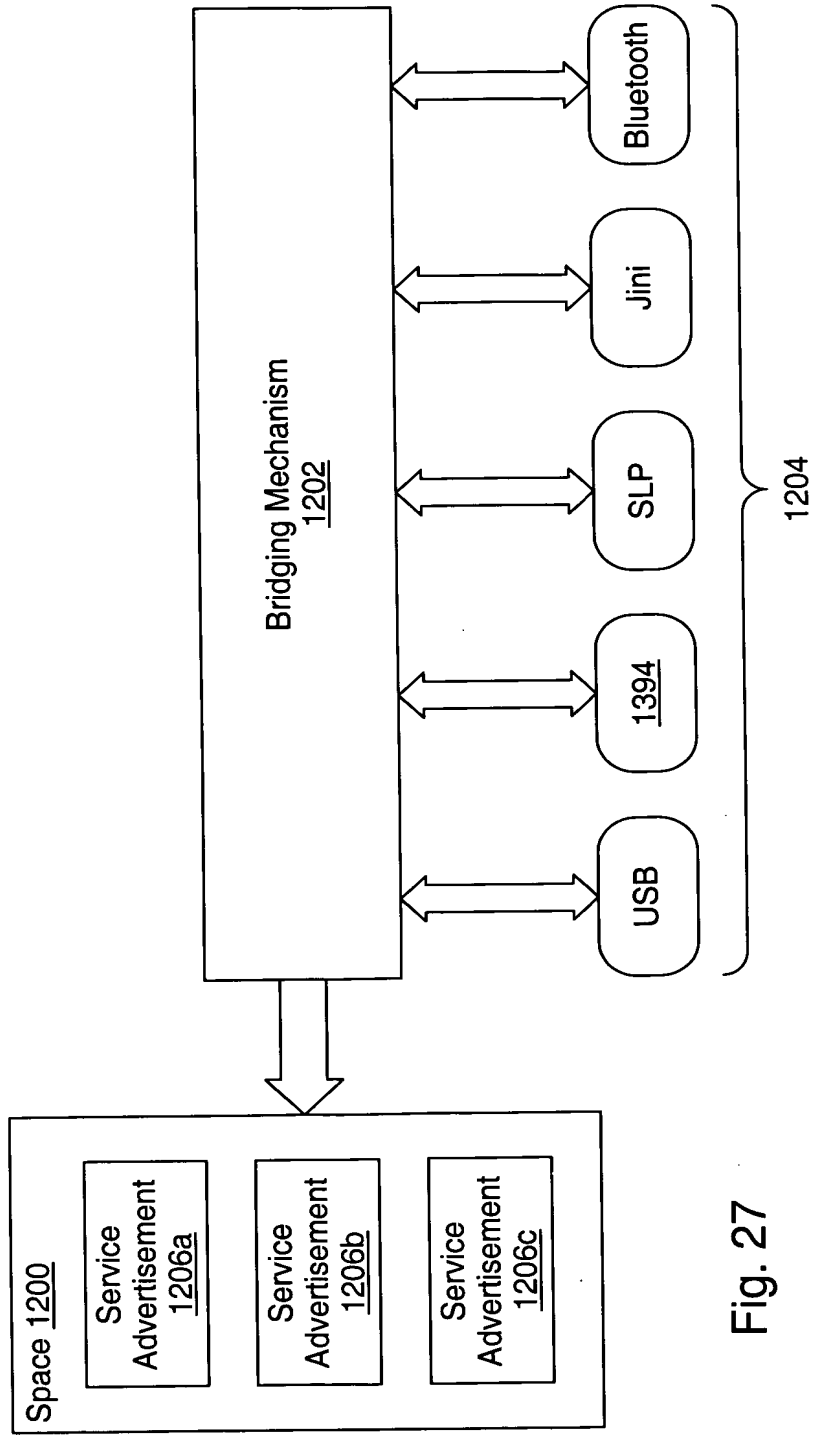


Fig. 27

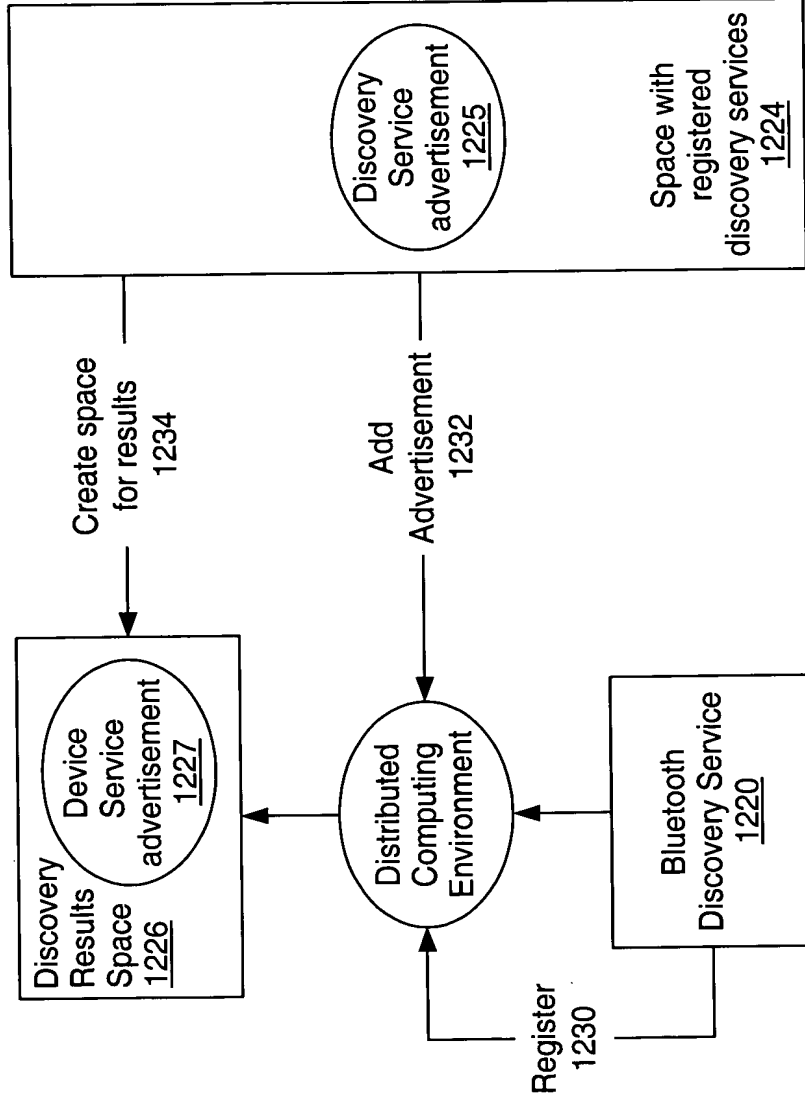


Fig. 28

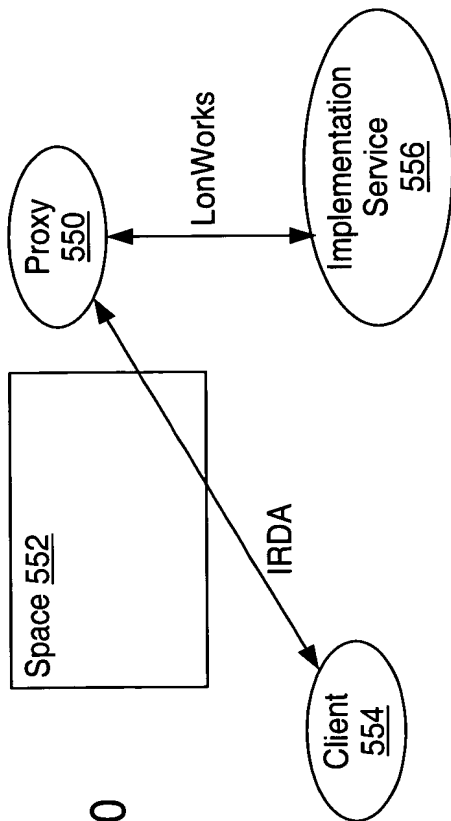


Fig. 30

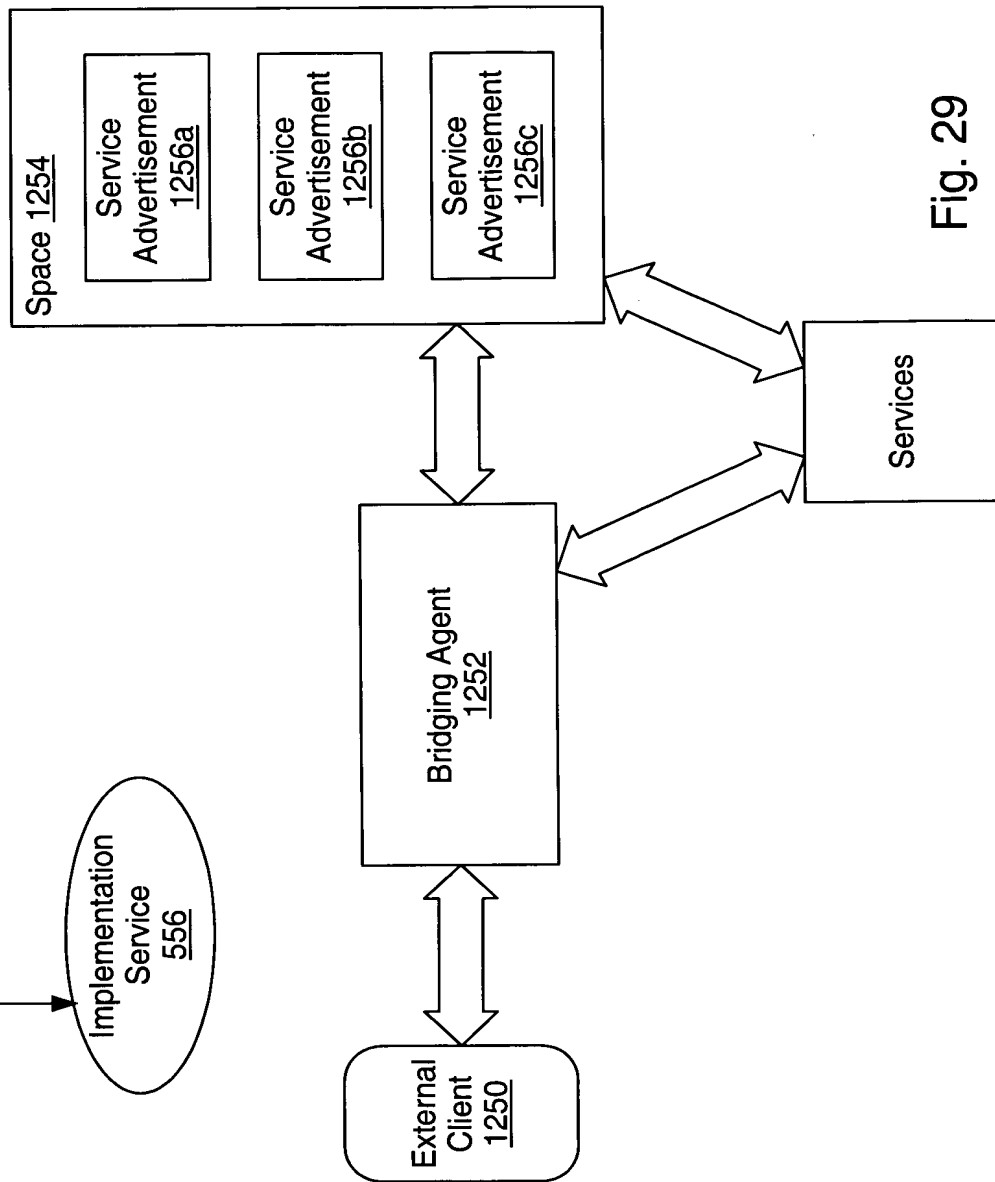


Fig. 29

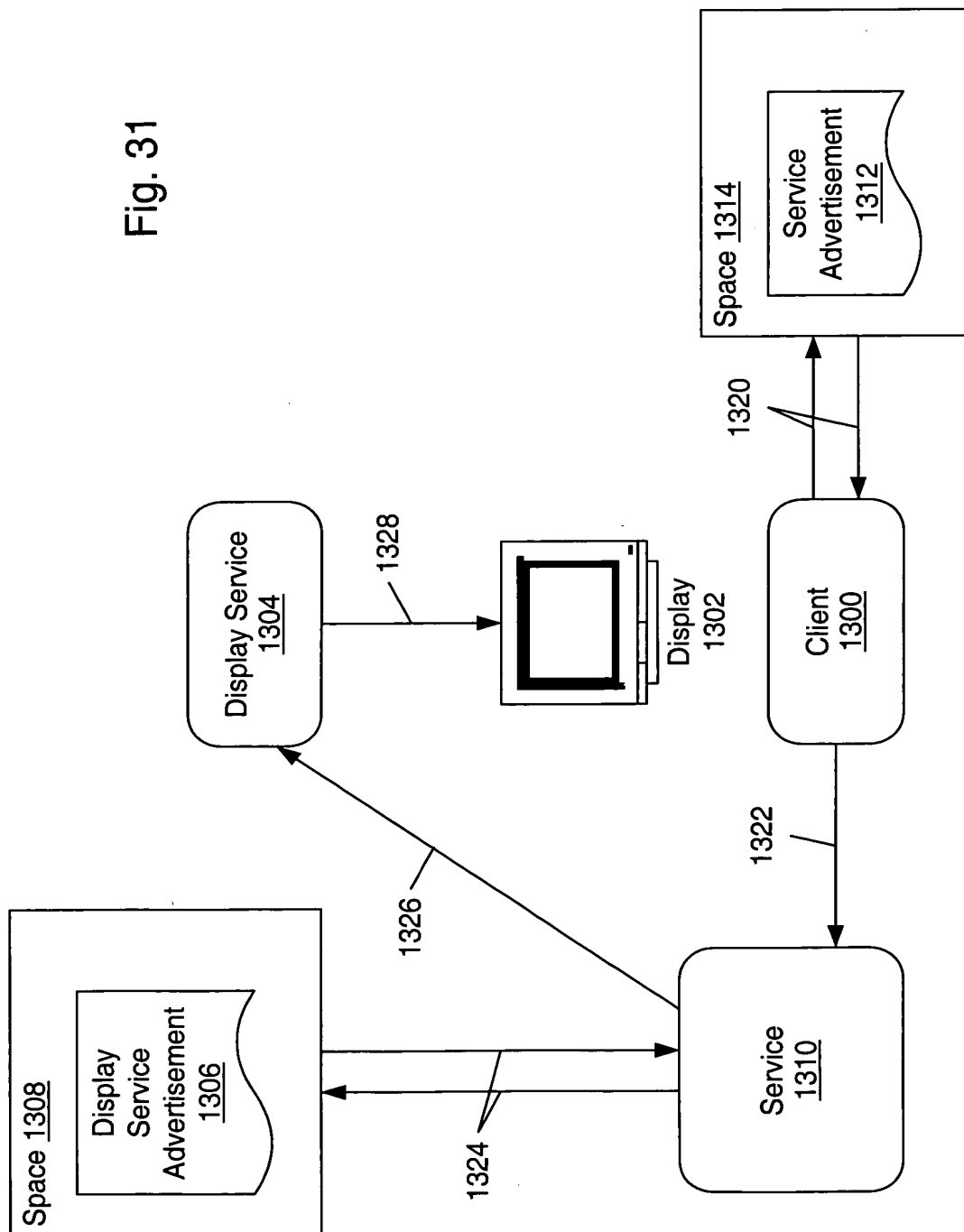


Fig. 31

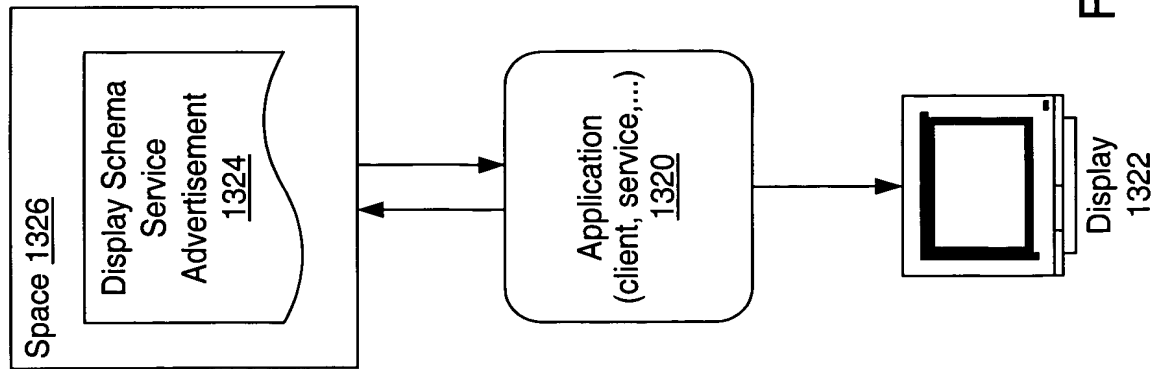


Fig. 32A

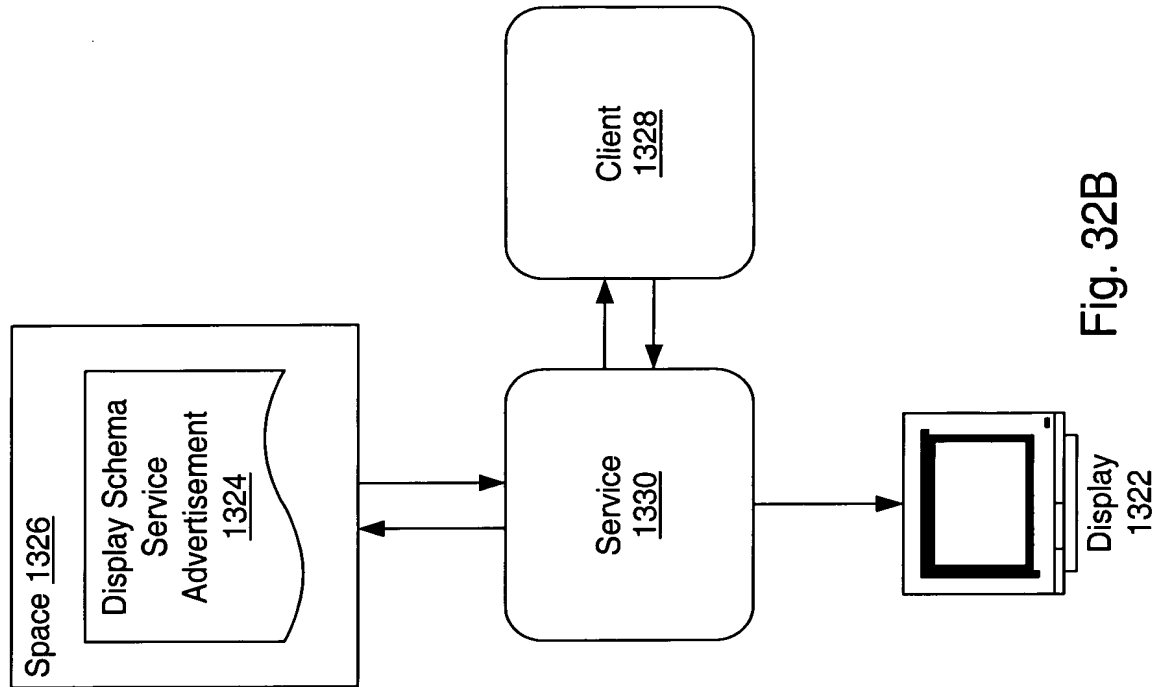


Fig. 32B

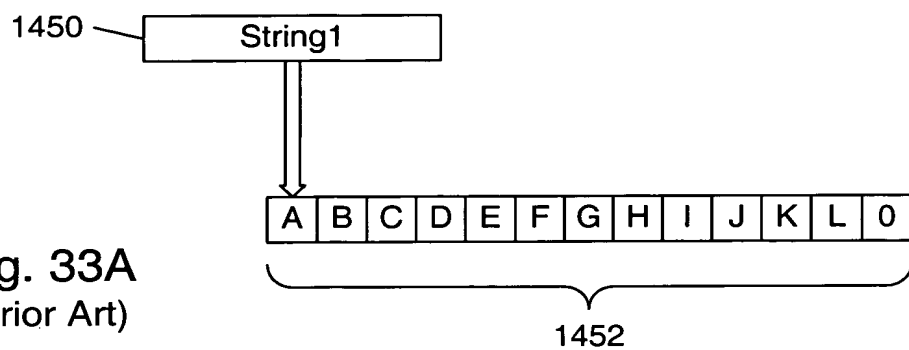


Fig. 33A
(Prior Art)

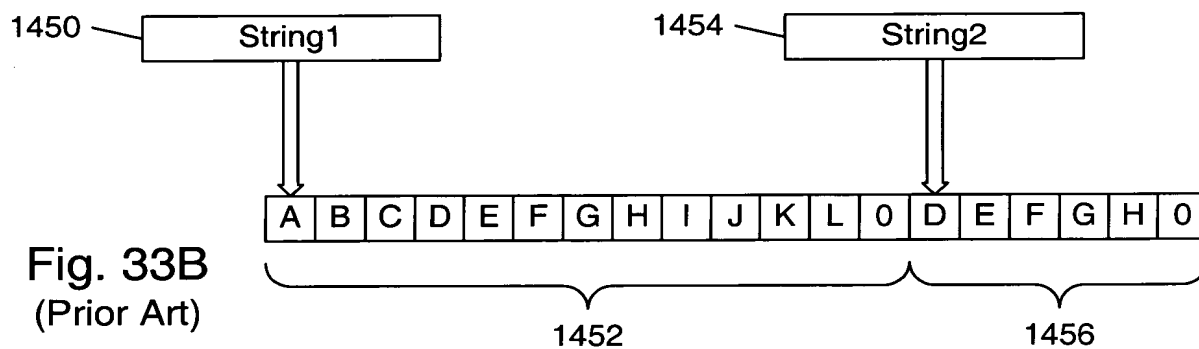


Fig. 33B
(Prior Art)

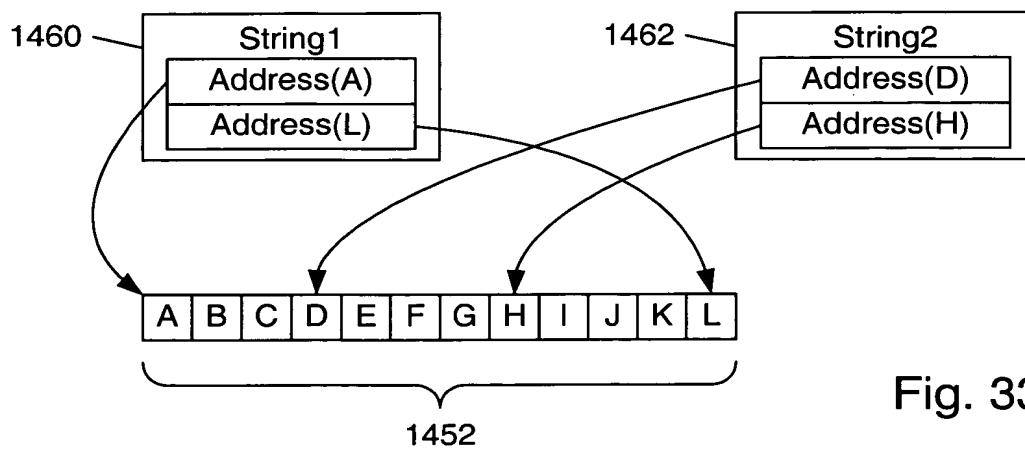


Fig. 33C

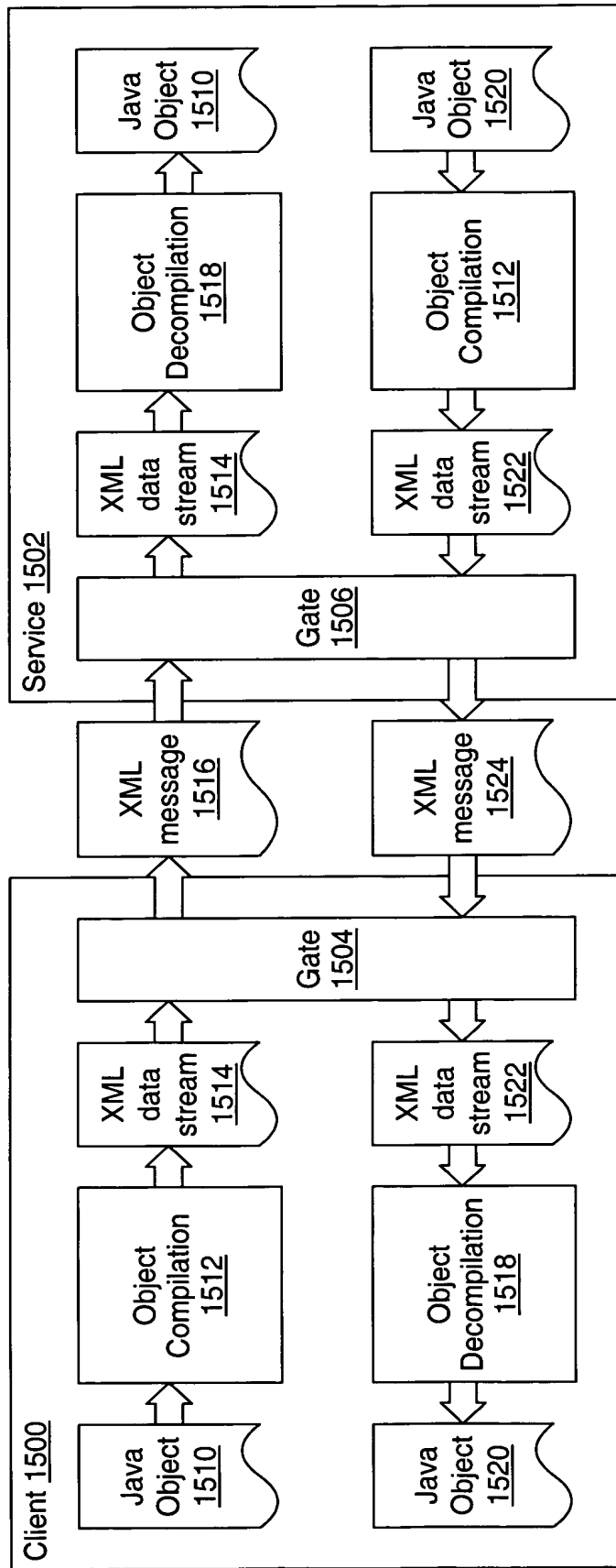


Fig. 34

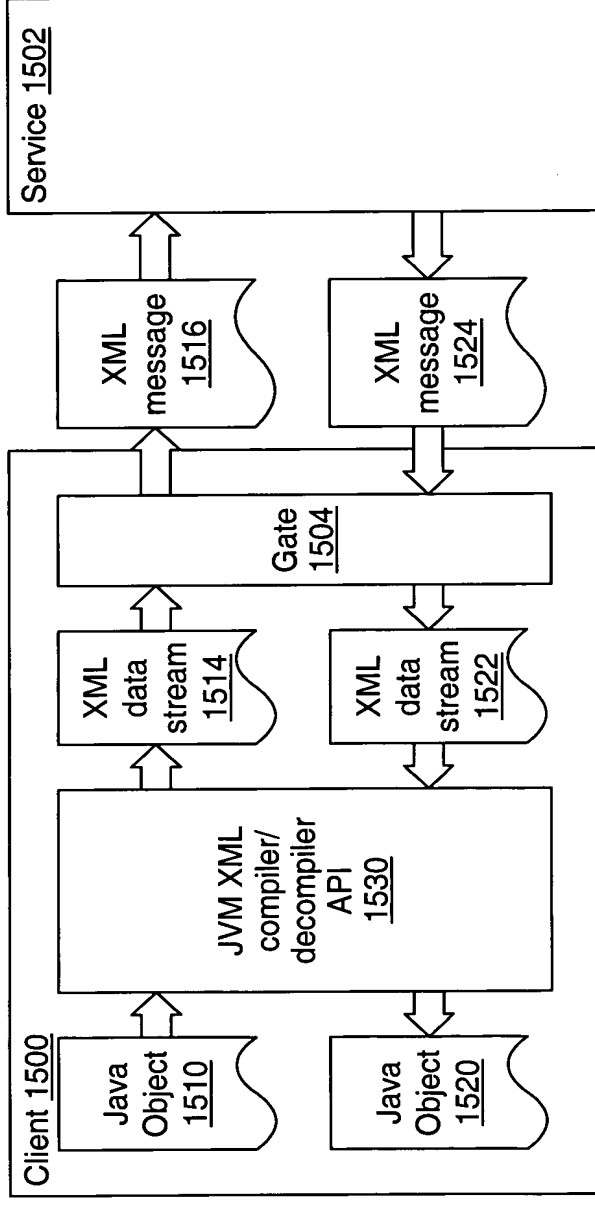


Fig. 35a

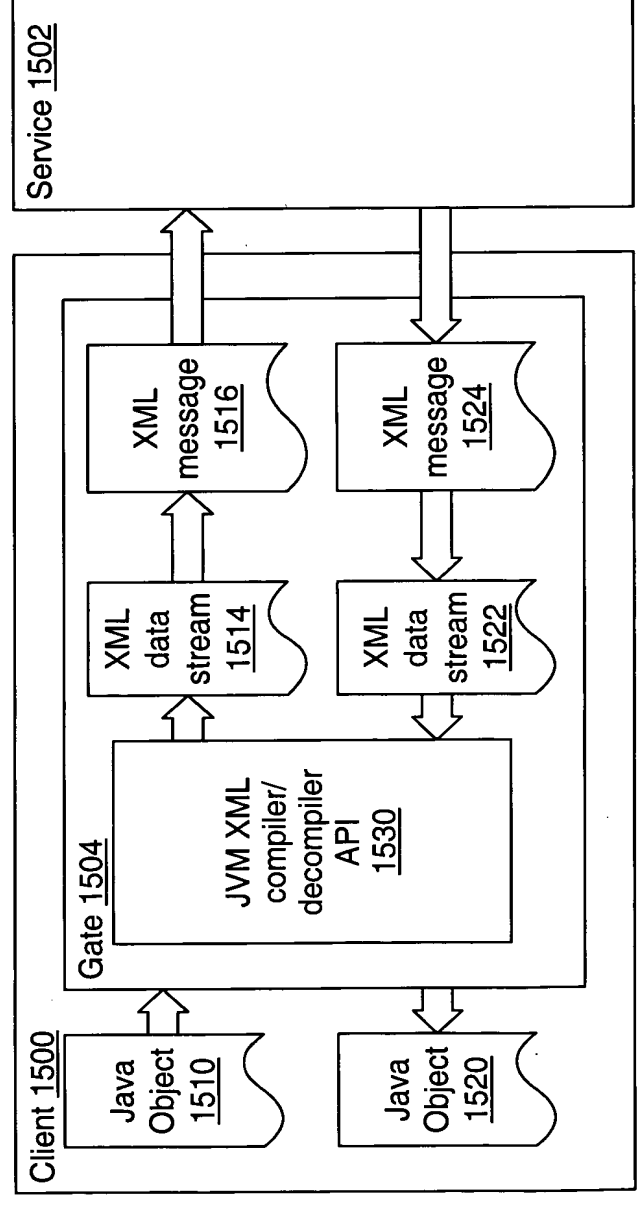


Fig. 35b

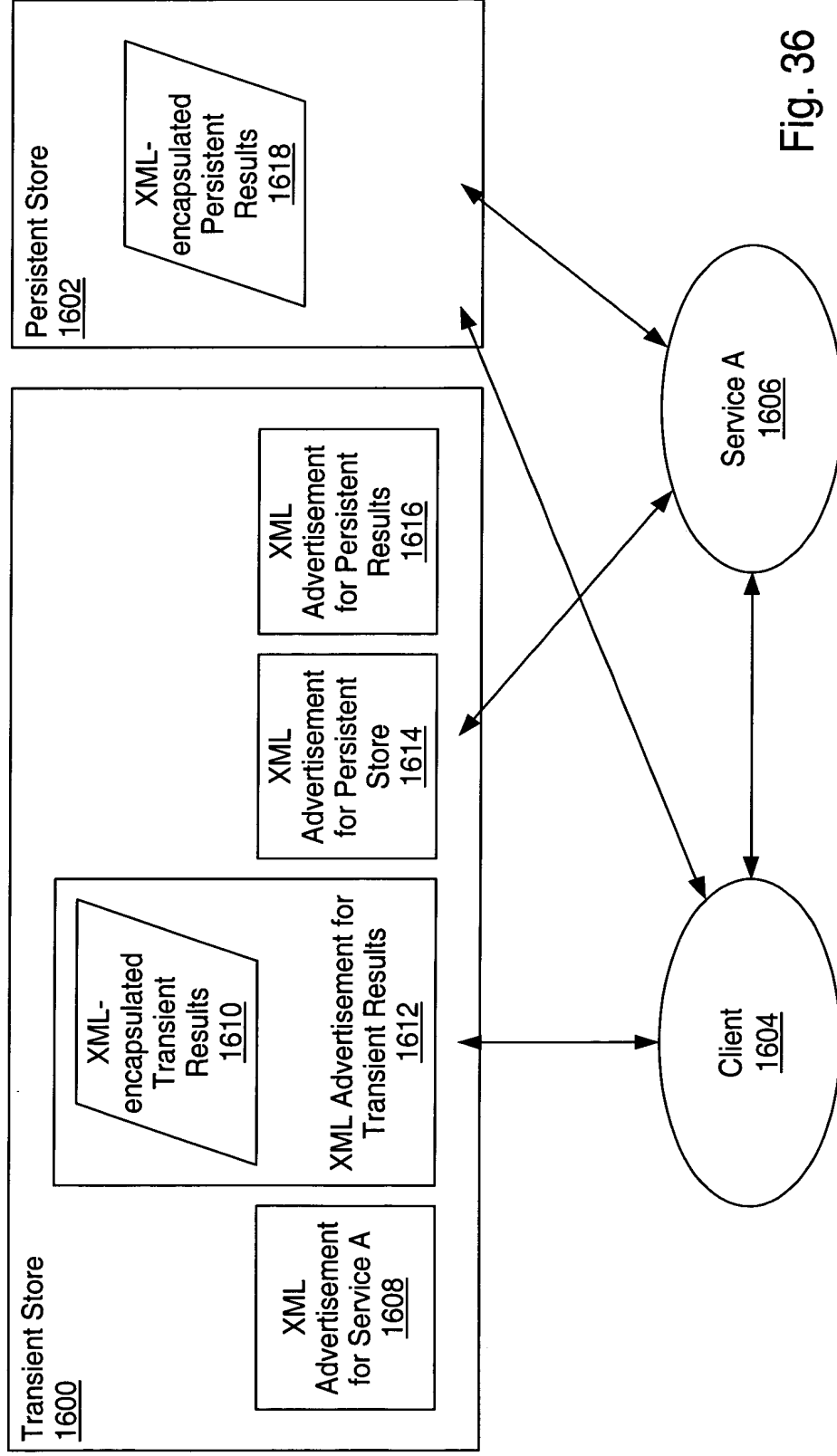


Fig. 36

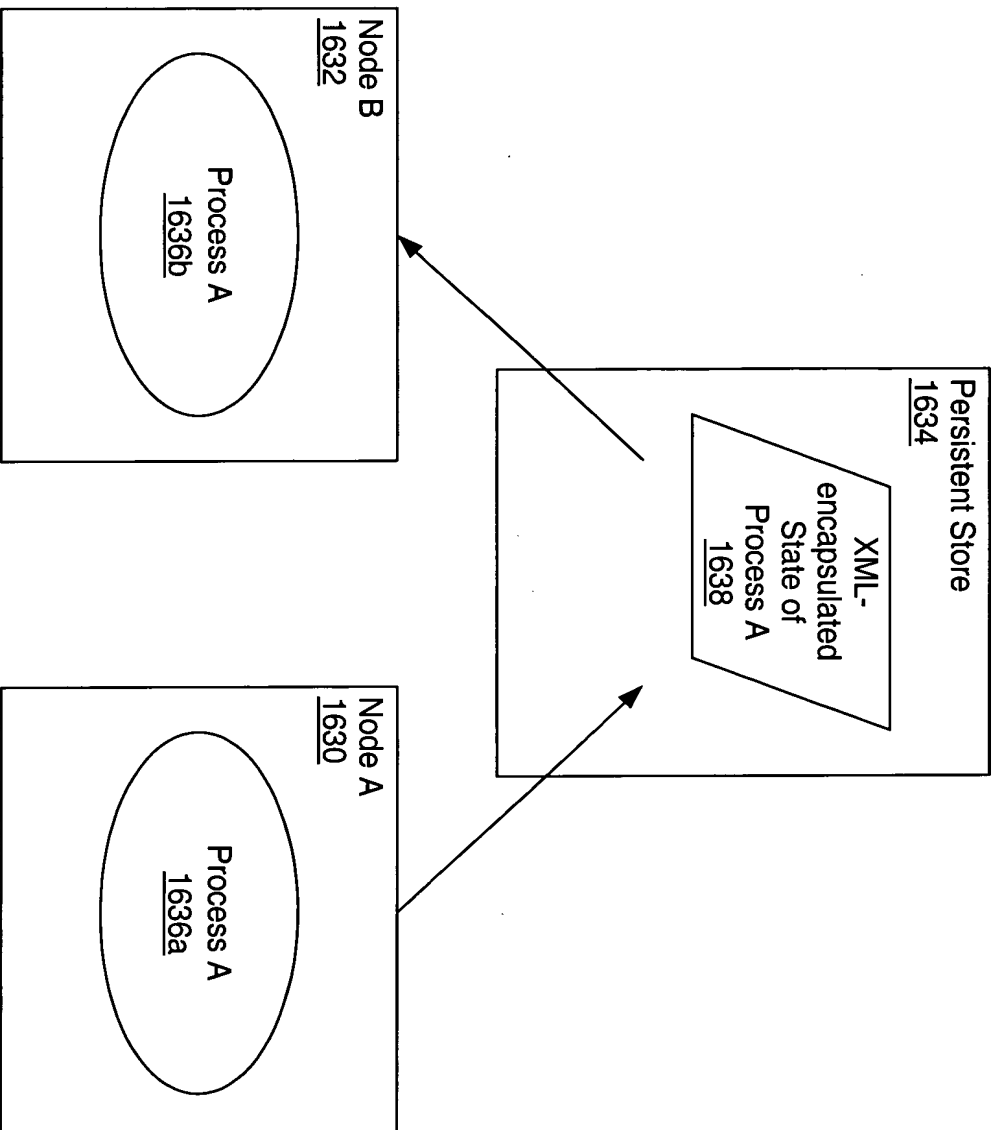


Fig. 37

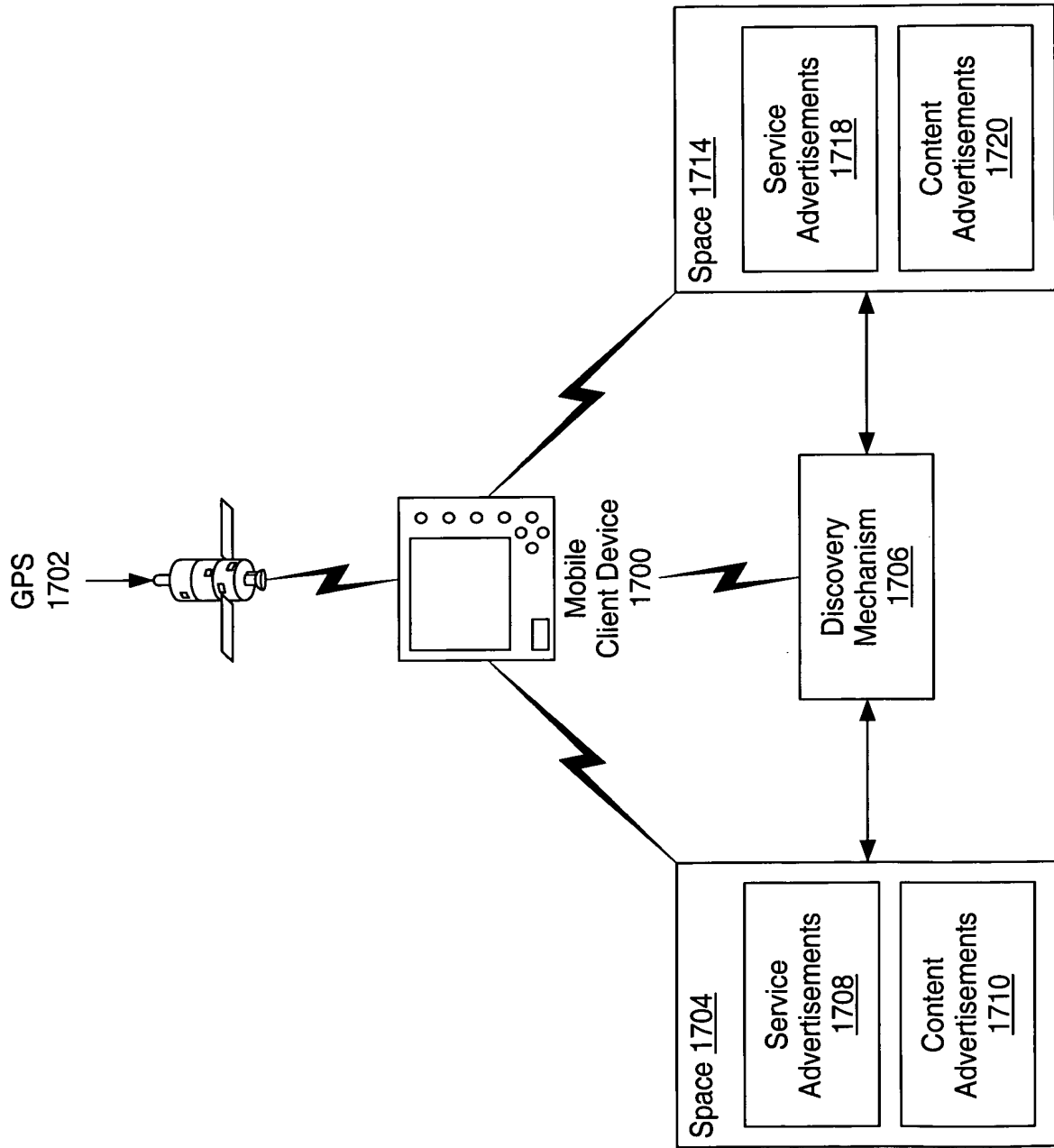


Fig. 38

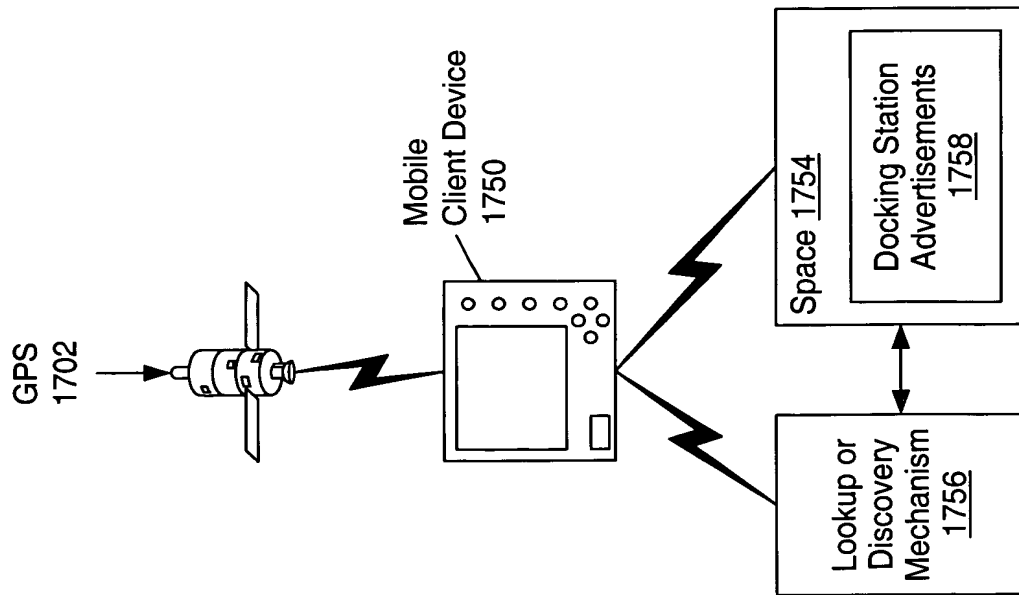


Fig. 39a

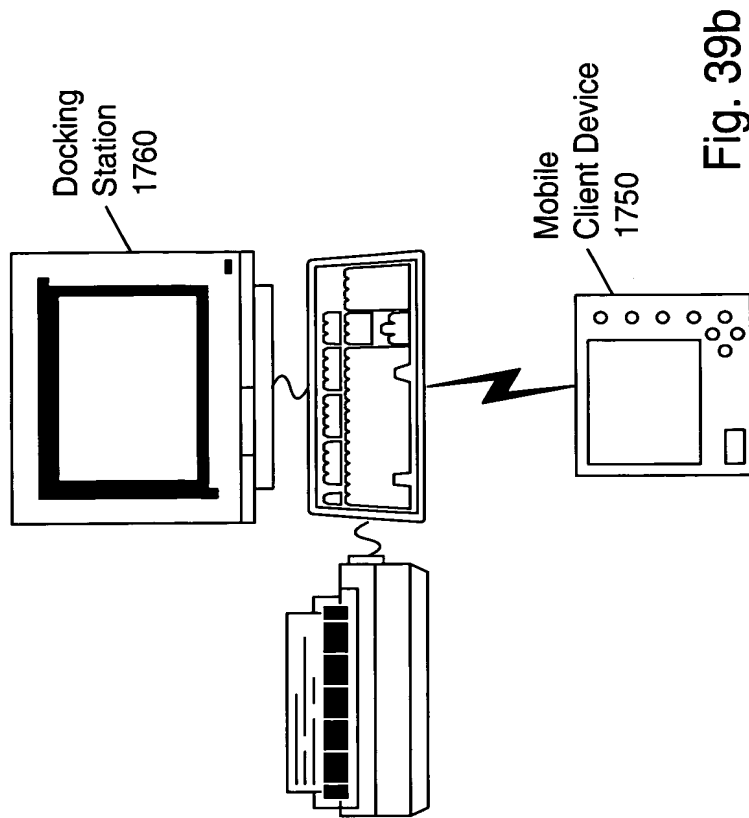


Fig. 39b

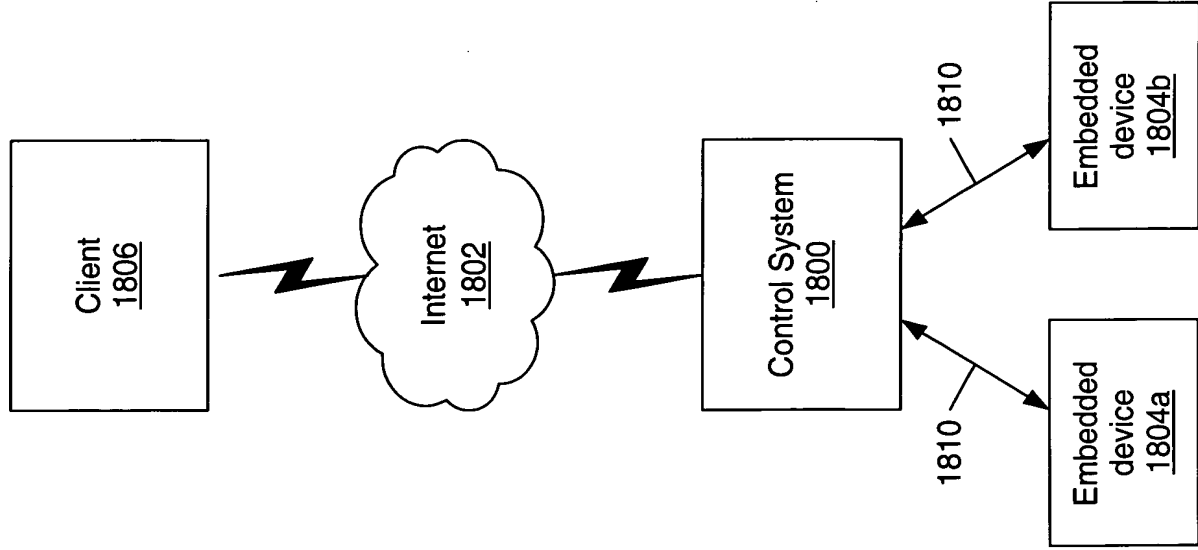


Fig. 40a

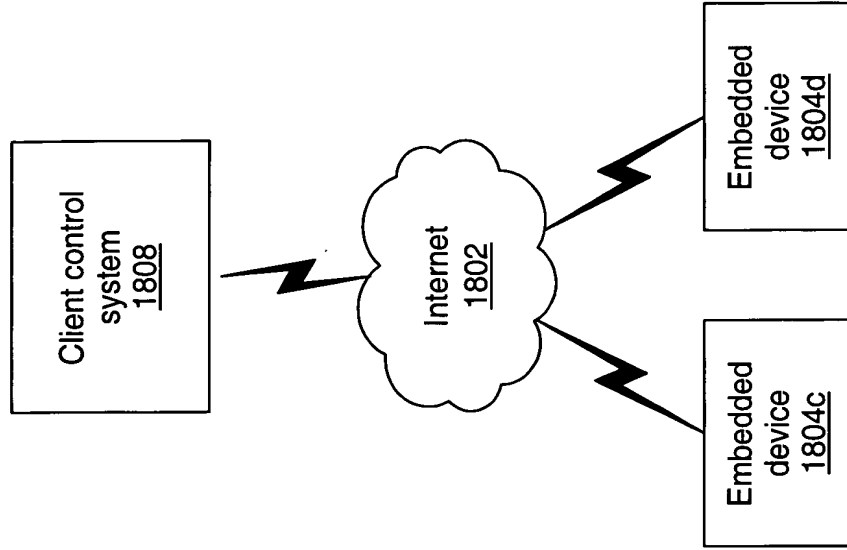


Fig. 40b

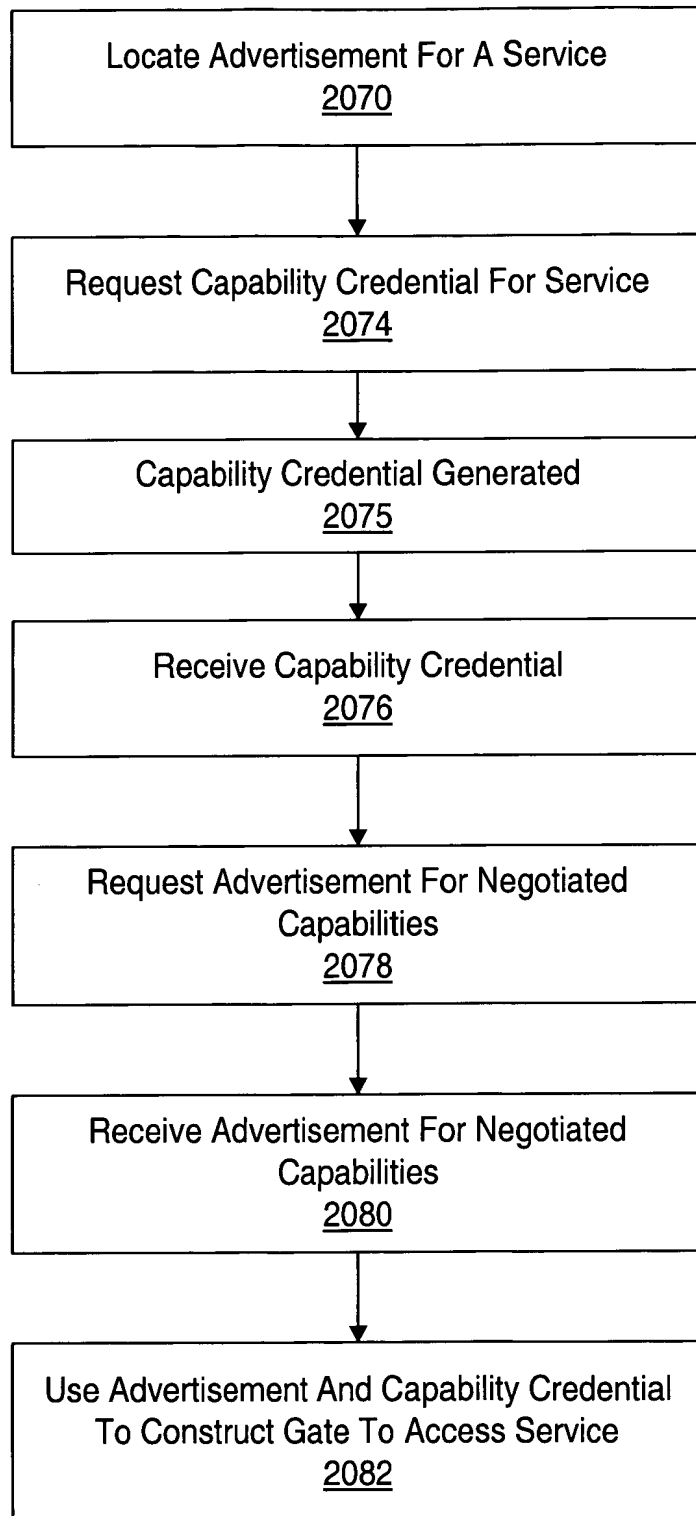


FIG. 41

```

graph TD
    2071[Send Search Message Indicating Non and/or  
Type Search Criteria  
2071] --> 2072[Search Criteria Compared To Service  
Information  
2072]
    2072 --> 2073[Return Search Response Message Indicating  
Advertisements Matching Search Criteria  
2073]

```

4

001330 5123960

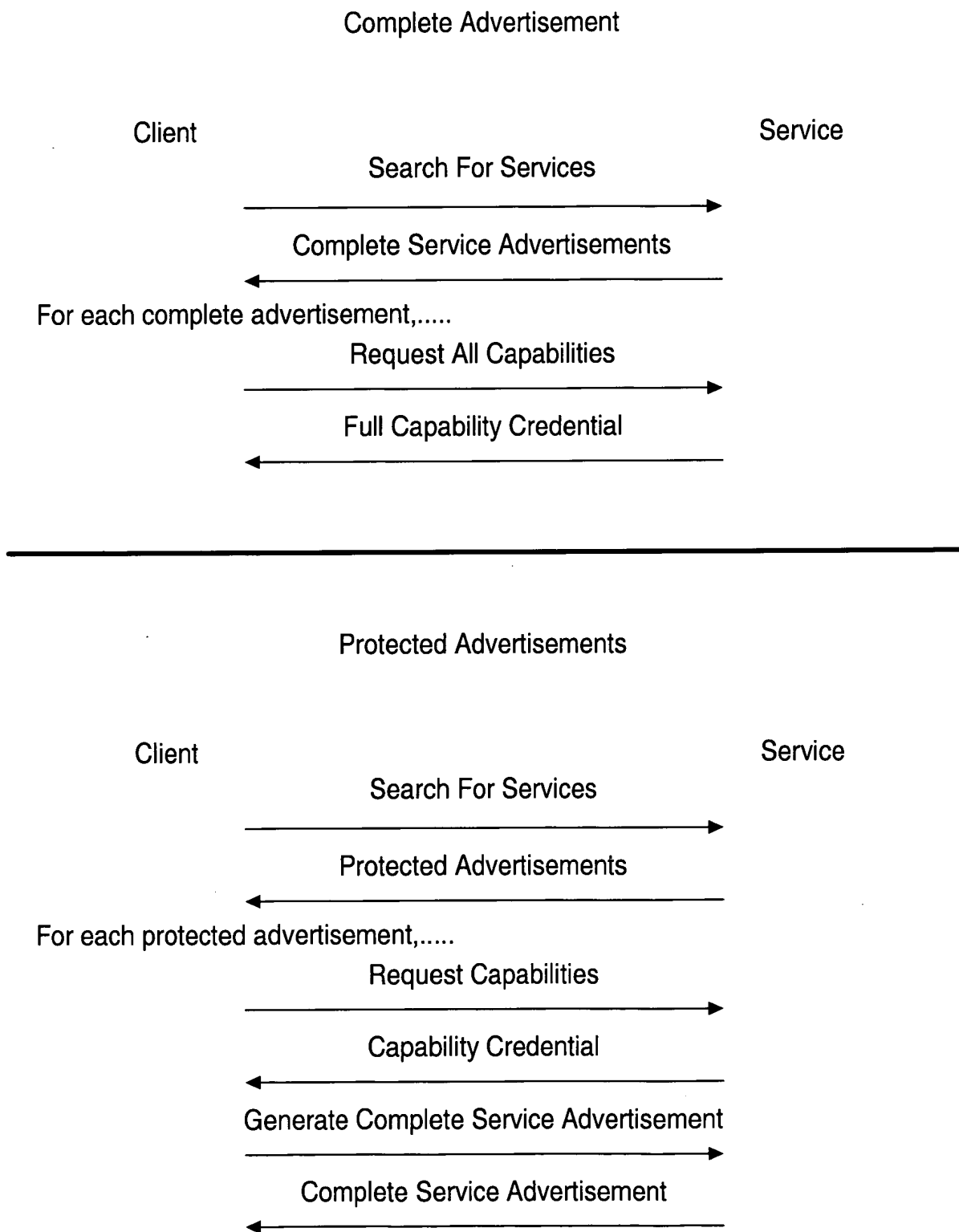


FIG. 43

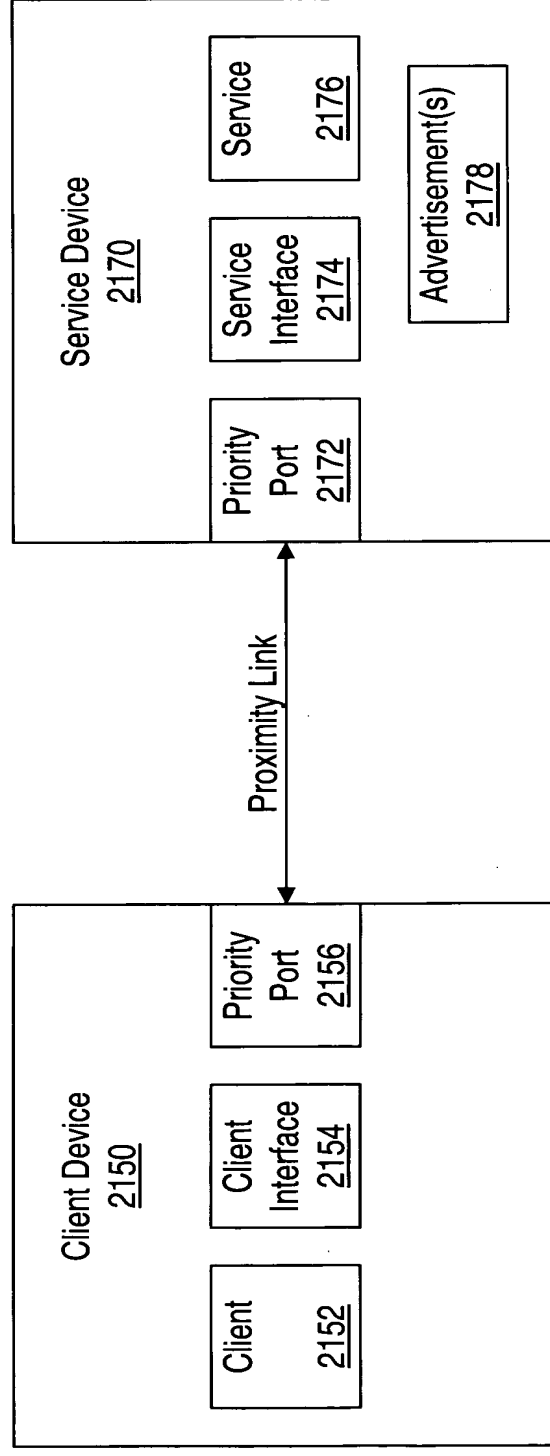


FIG. 44

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graph TD
    2190[Form Proximity Connection To Service Device  
2190] --> 2192[Request Advertisement Over Proximity  
Connection  
2192]
    2192 --> 2194[Receive Advertisement Directly From Service  
Device Over Proximity Connection  
2194]
    2194 --> 2196[Construct Gate To Access Service Over The  
Proximity Connection  
2196]

```

FIG. 45